

each slot is positioned a predetermined distance from the rotor magnetic poles, the slots positioned adjacent to one end of the rotor magnetic poles having shorter distances to the rotor magnetic poles than the slots not positioned adjacent to one end of the rotor magnetic poles.

29. (New) The synchronous motor as claimed in claim 28, wherein the distances between the slots and the rotor magnetic poles progressively increase from the slots positioned adjacent to one end of the rotor magnetic poles to the slots positioned adjacent to the center point of the rotor magnetic poles.---

REMARKS

Upon entry of the present paper, Applicants will have elected with traverse species 2 of the present invention, defined by Fig. 3 and comprising claims 1 and 2 of the pending application. Applicants will also have submitted claims 27-29 for the Examiner's consideration. Claims 27 and 28 depend from claim 1 and incorporate portions of the subject matter of claim 3, while claim 29 depends from claim 28 and substantially incorporates the subject matter of claim 4. Applicants respectfully submit that claims 27-29 are properly within a common group with elected claims 1 and 2 (claim 1 being generic to the group), as described below.

In the Official Action, the Examiner required an election among 24 species and indicated that no claims are generic. Applicants respectfully traverse the above restriction